Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 18 Jan 2021 until 23:59 on Tuesday 19 Jan 2021

Forecast Issued on Monday 18 Jan 2021 at 03:51

Confidence: High confidence for an unsettled week ahead and low confidence on where the frontal rainband will be located meaning quite a lot of uncertainty for the Yorkshire Dales, however indicators are for a very wet spell from late Monday to Thursday.

Headline for Monday 18 Jan 2021: A dull, damp day on the Yorkshire Dales with heavier rain later.

Mountain weather hazards on Monday 18 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Sleet	Cloudy	Sleet showers	Cloudy	Heavy Rain
Precipitation probability					
30%	30%	20%	30%	20%	60%

Forecast for Monday 18 Jan 2021

Weather: Cloudy, with outbreaks of sleet and snow continuing during the morning. Quite a dull day with lots of low cloud around and poor visibility at times. Perhaps becoming brighter and more showery in the afternoon, with the east faring best, however low cloud will fill in again later as a band of rain and sleet moves east in the evening. The freezing level will rise above the summits in the evening.

Chance of cloud free mountain/hill tops above 600m: 30% chance in the afternoon as cloud lifts and breaks temporarily otherwise extensive low cloud associated with outbreaks of drizzle and sleet.

Visibility: Mostly very poor with extensive low cloud with bases around 3-400m in the morning. Visibility improving for a time in the afternoon but becoming poor in the evening as heavy rain moves across the area. Cloud bases slightly higher in the east and a few sunny intervals are possible in the east in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 18 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/32 W	21/29 W	21/30 W	20/29 W	18/26 SW	16/23 SW	14/20 SW
300	15/31 W	14/30 W	14/29 W	12/26 W	8/20 SW	6/16 S	7/18 SW
Valley	10/25 W	9/23 W	12/24 W	10/22 SW	7/17 SW	5/15 S	5/14 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-5	2/-5	2/-4	2/-4	2/-4	2/-3	3/-1
300	4/-1	4/-1	4/-0	4/0	4/0	4/1	5/3
Valley	5/2	5/2	6/2	6/2	5/2	5/3	6/4
Freezing Level*	800m	800m	800m	800m	900m	1300m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some strong gusts around the summits in the morning but winds easing, strong winds will give a significant wind chill effect and freezing level will lift above all summits with some thawing snowpack.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 18 Jan 2021	2mm	28.4mm	31.4mm

Forecast for Tuesday 19 Jan 2021

Weather: A wet and cloudy day in store as persistent rain is expected throughout the day, this may fall as snow on the highest tops but will generally be rain or sleet at all levels. There may be a few drier spells on peaks in the north of the Dales depending on the exact location of the rain band however there is uncertainty around this. Rain may turn to sleet or snow later in the afternoon.

Maximum wind: Mainly westerly 10mph with gusts 15-20mph, winds may be light and variable in directions on northern dales.

Chance of cloud free mountain/hill tops above 600m: 20% or less, any clearance is more likely around northern tops.

Visibility: Generally poor or very poor with extensive low cloud from 2-300m upwards. Perhaps the bases will be 4-500m in the north. Difficult navigation is likely in persistent rain.

Temperature: **Valleys:** Around 5 Celsius.
At 600m: Plus 2 Celsius falling to minus 1 Celsius later.
Freezing level: 1200m falling to 700m

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